ELCO Lighting

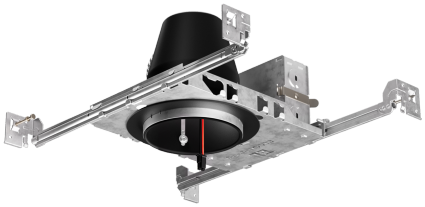
Project Name:

Fixture Type:

Date:

4″ IC AIRTIGHT NEW CONSTRUCTION HOUSING FOR ARCHITECTURAL KOTO™ LED ENGINE

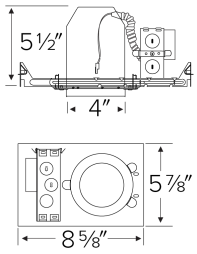
Housing



FEATURES

- IC Airtight for direct contact with insulation.
- Koto™ Architectural Housing: 120/277V 0-10V/Triac/ELV or 120V Triac/ELV with optional Emergency Battery Backup.
- Must be used with Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series).
- With ELK19 850 lm · ELK21 1,100 lm · ELK24 1,350 lm.

DIMENSIONS



SPECIFICATIONS

Wattage	12.5W
Voltage	120V (12.5W) · 120-277V (12.5W) · 120V · 120-277V
Dimming	Triac/ELV · 0-10V/Triac/ELV
Emergency option	with 90 min. Emergency Battery Back-Up

Item page
elcolighting.com/items/4-ic-airtight-new-construction-housing-architectural-koto-led-engine
Every item number, IES files, downloads and the latest revision.

PART OF THESE FAMILIES

4″ Architectural Koto™

↓ Dimmer compatibility list

elcolighting.com · Koto™ Architectural Housings Dimmer List

PRODUCT NUMBER BUILDER

Specify **4″ IC Airtight New Construction Housing for Architectural Koto™ LED Engine** item number (Select one) Example: **E4LK87ICA** Your item number:

ITEM	VOLTAGE	DIMMING
E4LK		
	87 120V (12.5W)[1]	**ICA** Triac/ELV
	88 120-277V (12.5W)[2]	**ICAD** 0-10V/Triac/ELV[3]

No separate code: Voltage: 120V, 120-277V

[1] Available as 120V, Triac/ELV only [2] Available as 120/277V, 0-10V/Triac/ELV only [3] 1% Dimming

TECHNICAL DETAILS

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Lamp: Designed for use with ELCO Architectural Koto™ LED Light Engines (ELK19, ELK21, or ELK24 Series)

Construction: Single Wall IC Rated for direct contact with insulation, for use in IC or non-IC conditions. Housing adjusts in frame to accommodate up to 1 1/2" ceiling thickness. Airtight housing with gasket to restrict airflow in accordance with ASTM E-283 air-tight requirements.

Installation: Designed for ceiling plenums where 2x6 joists or taller joists are used. High strength hanger bars can easily be nailed to joists. Maximum hole cutout is 4 1/4". Suitable for t-grid and drop ceiling applications. See installation sheet for detailed information.

Junction Box: Positioned to accommodate straight conduit runs. Seven 1/2" trade size conduit knockouts, four 3/4" knockouts. Pry-out knockout slots. 4 Romex pryouts with strain relief.

Hanger Bars: Pre-installed hanger bars with True Nail facilitate easy installation in regular lumber, engineered lumber, and laminated beams. Integral T-bar slots for easy installation in T-bars. Spans up to 24" and can be repositioned 90°. Score lines allow for tool-free hanger bar size reduction. Integral leveling flange allows for single-person installation while aligning the housings with the joists.

Electrical: Input Voltage: 120V or 120/277V. High efficiency driver with power factor > 0.9

Dimmability: Triac/ELV or Triac/ELV/0-10V (1% dimming)

Listings: UL Listed (US and Canada) for Damp Location. UL Listed (US and Canada) for Wet Location with select trims. UL Listed (US and Canada) for Feed Through. UL Listed (US and Canada) for Direct Contact with Insulation. Airtight per ASTM E-283. Install a JA8-2025-E lamp/luminaire for Title 24 Compliance.

Warranty: ELCO Lighting warrants products will be free from defects in materials and workmanship for a period of 5 years.

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